

Scholar: Craig J. Hoesley, MD, Appointed July 2001. Mentor: Sten H. Vermund, MD, PhD

Publications

Broker TR, Jin G, Croom-Rivers A, Bragg SM, Richardson M, Chow LT, Vermund SH, Alvarez RD, Pappas PG, Squires KE, and **Hoesley CJ**. Viral latency- the papillomavirus model. *Dev Biol* 2001; 106: 443-51.

Hoesley CJ, Allen SA, Raper JL, Musonda R, Niu Y, Squires KE, Gao F, and Aldrovandi GM. Comparative analysis of commercial PCR assays for the quantitation of plasma HIV-1 RNA in patients infected with HIV-1 subtype C. Accepted for publication in *Clinical Infectious Disease* 2002; 35: 323-25

Wright P.W., **Hoesley C.J.**, Squires K.E., Croom-Rivers A., Weiss H.L., Gnann J.W. A prospective study of genital HSV-2 infection in HIV-1-seropositive women: correlations with CD4 count and plasma HIV RNA levels. *Clinical Infectious Diseases* 2003; 36: 207-11.

Hoesley C.J., Vermund S.H., Squires K.E., Alvarez R., Croom-Rivers A., Chow L., Broker T.R. Cervicovaginal human papillomavirus (HPV) infection in a prospective cohort of HIV-seropositive women: comprehensive molecular profiles and predictors of HPV persistence.
Manuscript in preparation.

Monteiro C, Bachmann L.H., Desmond R.A., Squires K.E., Vermund S.H., Hook E.W., Schwebke J.R., **Hoesley C.J.** Incidence and Risk Factors for Sexually Transmitted Infections among HIV-infected Women in Alabama. Manuscript submitted to *Clinical Infectious Diseases*

Abstracts:

Wright P, **Hoesley CJ**, Croom-Rivers A, Squires KE, Gnann J. A prospective study of genital HSV shedding in HIV-seropositive women: correlation with CD4 count and plasma HIV RNA levels. In: Abstracts of the Infectious Disease Society of America, San Francisco, September 2001, Abstract # 767

Monteiro C, Bachmann LH, Desmond A, Vermund SH, Squires K, Hook EW, Schwebke JR, and **Hoesley CJ**. Prevalence, incidence and risk factors for curable STDs in HIV positive women. In: Abstracts of the 40th Meeting of the Infectious Disease Society of America, Chicago, October 2002, Abstract No. 650.

Hoesley CJ, Jin G, Croom-Rivers A, Raper JL, Alvarez RD, Pappas PG, Salzman DE, Chow LT, and Broker TR. Activation of genital HPVs in immunosuppressed patients: widespread infections and prevalence of the A-3 genotypes. In: Abstracts of the 20th International Papilloma Conference, Paris, 2002, Abstract No. O086.

Roger Bedimo, MD, MS; Neil A. Accortt, PhD; Michael S. Saag, MD; Carol Linn, BSN; David Chansolme, MD; Ray Y. Chen, MD, MSPH; and **Craig J. Hoesley, MD**; Trends in AIDS-Defining and other HIV-Associated Malignancies Among HIV-Infected Patients: 1989 to 2002. 41st Annual Meeting of the Infectious Disease Society of America, San Diego, California, October, 2003. Abstract No. 638.

James L. Raper, Thomas R. Broker, Gregory I. Shore, Isam-Eldin Eltoum, **Craig J. Hoesley**. A Study of Anal Dysplasia and HPV Epidemiology in Human Immunodeficiency Virus (HIV)—Positive Men who have Sex with Men (MSM). Submitted to 11th Conference on Retroviruses and Opportunistic Infection, February 2004.

El-Sadr, Wafaa; Mayer, K; Maslanowski, L; Justman, J; **Hoesley, C**; Absalon, J; Gai, F; L Soto-Torres and Kwiecien, A; "High Rates of Comorbid Conditions and Pelvic Findings in HIV+ Women Enrolled in HPTN049", Accepted for presentation at Microbicide 2004 Meeting, London, England.

Absalon, Judith; El-sadr, W; Maslankowski, L; Mayer, K; **Hoesley, C**; Gai, F; Masse, B; Richardson, B; Soto-Torres, L; Justman, J. Enrollment Failures in HIV+ and HIV- Women Screened for 2 Phase I Microbicide Trails: HPTN049/050. Accepted for presentation at Microbicide 2004 Meeting, London, England.

Justman, J; El-Sadr, W; Gai, F; Mâsse, B.R; **Hoesley, C**; Maslanowski, L; Mayer, K, Timoney, M.T; Allen, N; Kwiecien, A.; Soto-Torres,L; Mauck, C. Vaginal Flora Characteristics of HIV+ Women Enrolled in a Phase I Cellulose Sulfate Studt: HPTN 049. Accepted for presentation at Microbicide 2004 Meeting, London, England.

Scholar: Huan Nguyen, PhD. Appointed July 2001. Mentor: Jiri Mestecky, MD

Abstracts:

Nguyen, H.H , Vu, H.L, Brewer, L.R., Jin, G., Chow, L.T.,Broker, T.R., Alvarez, R.D., and Mestecky, J.: Immune Response to Human Papilloma Virus (HPV) In Female Genital Tract.. 11th International Congress of Mucosal Immunology. Orlando, June 16-20th, 2002. *Mucosal Immunology Update* 10 (2 and 3): Abstract 3053.

Nguyen, H.H , Vu, H.L, Brewer, L.R., Jin, G., Chow, L.T.,Broker, T.R., Alvarez, R.D., and Mestecky, J.: Down-Regulation of IgA Response to Human Papilloma Virus (HPV) In Women with Cervical Cancer. 20th International Papillomavirus Conference. Paris, October 4-9th, 2002. *Abstract book*: Abstract P312.

Nguyen, H.H , Vu, H.L, Brewer, L.R., Judit Andrasi, Jin, G., Chow, L.T.,Broker, T.R., Alvarez, R.D., and Mestecky, J.: Immune Responses to Human Papilloma Virus (HPV) and Other Factors Involved in Surveillance of Cervical Cancer. Immunology 2003. Denver, Colorado, May 6-10th, 2003. *The FASEB Journal* 17 (7): C324. Abstract 161.1

Scholar: Yu Ying Chen, MD, Appointed July 2001. Mentor : Amie B. Jackson, MD

Publications:

Elliott TR, Kurylo M, **Chen Y**, Hicken B. Alcohol abuse history and adjustment following spinal cord injury. *Rehabilitation Psychology* 2002;47:278-290.

Chen Y, Roseman JM, DeVivo MJ, Funkhouser E. Does fluid amount and choice influence urinary stone formation in persons with spinal cord injury? *Arch Phys Med Rehabil* 2002;83:1002-1008.

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Wang IC, Stevens AW, Roberts JE, **Chen Y**, Jeffcoat MK. Longitudinal evaluation of periodontal disease risk factors in maintenance patients [abstract]. *J Dent Res* 2002;81:A318.

Chen Y, DeVivo MJ, Stover SL, Lloyd LK. Recurrent kidney stones: a 25-year followup study in persons with spinal cord injury [abstract]. *J Spinal Cord Med* 2002;25 suppl1:S4-S5.

Chen Y, Jackson AB, Bussey B, Nave B. SCI EatRight weight management: a pilot study [abstract]. *J Spinal Cord Med* 2002;25suppl1:S33.

Kubricht WS III, **Chen Y**, Lloyd LK. Long-term renal function in spinal cord injury patients following external urethral sphincterotomy [abstract]. *J Spinal Cord Med* 2002;25suppl1:S19.

Chen Y, Jackson AB, Bussey B, Nave B. SCI Eat Right: effectiveness and safety for weight control [abstract]. *J Spinal Cord Med* 2003;26, suppl1:S11.

Elliott T, Shewchuk R, Richards JS, **Chen Y**. Predicting changes in depression status in family caregivers of persons with recent spinal cord injuries. *Safety in Numbers: Working Together from Research into Practice Abstracts book*, Center for the Disease Control and Prevention 2003:43.

Scholar: Patrick S. Ramsey, M.D., Appointed August 2001. Mentors: Robert L. Goldenberg, MD, William Andrews, PhD, MD, John Hauth, MD, Ona Faye-Peterson, MD, Waldemar Carlo, MD

Publications:

Ramsey PS, Meyer LM, Ramin KD, Heise RH. Delayed postpartum hemorrhage: A rare presentation of carbon monoxide poisoning. *Am J Obstet Gynecol* 2001; 184:243-244.

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Friedman JD, **Ramsey PS**, Ramin KD, Berry C. Pneumothorax and pregnancy loss following second trimester laparoscopic surgery. *Obstet Gynecol* 2002; 99: 512-513.

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Ramsey PS, Rouse DJ. Therapies administered to mothers at risk for preterm birth and neurodevelopmental outcome in their infants. *Clin Perinatol* 2002; 29: 725-43.

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Ogburn PL Jr, Rana S, **Ramsey PS**, Dixon DD, Johnson R, Ramin KD. Neonatal cerebral infarction: Clinical associations. Presentation at Society of Maternal-Fetal Medicine, Reno, NV., February 2-5, 2001.

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Ramsey PS, Ogburn PL Jr., Heise RH, Vaules MB, Harris DY, Ramin KD. Cervical fetal fibronectin as a marker for successful labor induction. Presentation at Society of Gynecologic Investigation Meeting, Toronto, ON., March 2001

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Ramsey PS, Savage K, Owen J. Comparative efficacy of high-dose vaginal misoprostol versus concentrated oxytocin + low dose vaginal PGE₂ for mid-trimester labor induction. Presentation at Society of Maternal-Fetal Medicine Annual Meeting, January 14-21, 2002.

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Ramsey PS, Shinetugs B, Goldenberg RL for the NICHD MFMU Network. The Preterm Prediction Study: Increased vaginal levels of a marker of collagen synthesis are associated with spontaneous preterm birth and preterm premature rupture of membranes in asymptomatic women. Presentation at Society of Gynecologic Investigation Annual Meeting, March 2002.

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Ramin KD, Meath A, Rosenquist R, Freimund T, **Ramsey PS**. Cervical length as a risk factor for spontaneous preterm delivery in triplet pregnancies. Presentation at the Society of Gynecologic Investigation Annual Meeting, March 2002.

Matteson JJ, **Ramsey PS**, Brumfield CG, Carlo W. Preterm premature rupture of membranes (pPROM): Is there an optimal delivery gestational age? Presentation at the American College of Obstetrics and Gynecology Annual Meeting, May 2002. Published: Obstet Gynecol 2002; 99: 74S-75S.

Leath CA, Przybysz AD, **Ramsey PS**, Huh WK. Comparative operative risks of radical hysterectomy in pregnant and non-pregnant women. Presentation at the American College of Obstetrics and Gynecology Annual Meeting, May 2002. Published: Obstet Gynecol 2002; 99: 90S.

DiMarco CS, **Ramsey PS**, Williams LH, Ramin KD. Maternal age as a risk factor for cesarean delivery in the nulliparous parturient. Presentation at the American College of Obstetrics and Gynecology Annual Meeting, May 2002. Published: Obstet Gynecol 2002; 99: 69S.

Ramsey PS, Winkler DD, Rouse DJ. Expanded antigen-matching for erythrocyte transfusion of women with sickle cell disease during pregnancy reduces transfusion-related alloimmunization. Presentation at Society of Obstetric Anesthesia and Perinatology Annual Meeting, May 2002.

DiMarco CS, Ramin KD, **Ramsey PS**, Vasdev GM. Short stature is associated with a higher cesarean section and epidural rate. Presentation at Society for Obstetric Anesthesia and Perinatology Annual Meeting, Hilton Head, South Carolina, May 1-5, 2002.

Friedman JD, Ramin KD, Vasdev G, **Ramsey PS**. Does the type of prenatal caregiver influence the rate of epidural usage among parturients? Presentation at Society for

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Taft WH, **Ramsey PS**. Patterns of azithromycin use in pregnancy. Presentation at Infectious Disease Society for Obstetrics and Gynecology Annual Meeting, Banff, Alberta, Canada, August 8-10, 2002.

Ramsey PS, Matteson JJ, Brumfield CG, Carlo W. Risk factors for neonatal infectious morbidity in pregnancies complicated by preterm premature rupture of membranes (PPROM). Presentation at Infectious Disease Society for Obstetrics and Gynecology Annual Meeting, Banff, Alberta, Canada, August 8-10, 2002.

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DiMarco C, DiMarco D, **Ramsey PS**, Ramin KD. Does a maternal history of vesicoureteral reflux increase the risk for pyelonephritis in pregnancy? Presentation at Infectious Disease Society for Obstetrics and Gynecology Annual Meeting, Banff, Alberta, Canada, August 8-10, 2002.

Ramsey PS for the NICHD MFMU Network. Premature preterm rupture of membranes (PPROM): Latency and neonatal outcome. Presentation at Society of Maternal-Fetal Medicine Annual Meeting, San Francisco, CA: February 3-8, 2003. Published: Am J Obstet Gynecol 2002; 187: S113 (Abstract 190).

Ramsey PS, Bayanbileg S, Goldenberg RL for the NICHD MFMU Network. Preterm Prediction Study: Vaginal fluid angiogenin levels at 22-24 weeks gestation are not associated with spontaneous preterm birth (SPB) in asymptomatic women. Presentation at Society of Maternal-Fetal Medicine Annual Meeting, San Francisco, CA: February 3-8, 2003. Published: Am J Obstet Gynecol 2002; 187: S114 (Abstract 194).

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Ramsey PS, Andrews WW, Carlo W, Faye-Petersen O, Cliver S, Goldenberg RL, Hauth JC. Risk factors for bronchopulmonary dysplasia (BPD) in preterm infants. Presentation at Society of Maternal-Fetal Medicine Annual Meeting, San Francisco, CA: February 3-8, 2003. Published: Am J Obstet Gynecol 2002; 187: S113 (Abstract 191).

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Biggio J, **Ramsey PS**, Cliver S, Lyons M, Goldenberg R, Wenstrom K. Elevated midtrimester amniotic fluid matrix metalloproteinase-8 (MMP-8) levels are a marker for subsequent preterm premature rupture of membranes (PPROM). Presentation at Society of Maternal-Fetal Medicine Annual Meeting, San Francisco, CA: February 3-8, 2003. Published: Am J Obstet Gynecol 2002; 187: S118 (Abstract 210).

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Ramsey PS, Hauth JC, Levine RJ, Qian C, Hedinger ML, England LJ, Yu K, Sibai BM, Morris CD, Catalano PM, Curet LB for the NICHD CPEP Study Group. Vitamin C intake and preterm premature rupture of membranes (PPROM): Is there a link? Presentation at Society of Gynecologic Investigation, March 26-30, 2003 – Washington DC (Abstract 706).

Ramsey PS, Hauth JC for the NICHD MFMU Network. Are maternal cotinine levels associated with spontaneous preterm birth (SPB) or preterm premature rupture of membranes (PPROM)? Presentation at Society of Gynecologic Investigation, March 26-30, 2003 – Washington DC (Abstract 705).

Harper JG, Lieman JM, **Ramsey PS**. Clinical utility of vaginal pool phosphatidylglycerol testing in women with preterm premature rupture of membranes. Presentation at Society of Gynecologic Investigation, March 26-29, 2003 – Washington DC.

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Ramsey PS, Savage K, Owen J. Vaginal misoprostol vs concentrated oxytocin + vaginal PGE2 for mid-trimester labor induction. Presentation at American College of Obstetricians and Gynecologists Annual Meeting, New Orleans, LA - April 26-30, 2003.

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